Serial No.: 09/915,997 Filed: July 26, 2001

Page

: 2

The composition of claim 16, wherein the plasticizing substance comprises hydroxypropyl cellulose.

's Docket No.: 06317-038002

The composition of claim 16, wherein the plasticizing substance comprises hyaluronic acid.

RPG)

The composition of claim 16, wherein the plasticizing substance comprises methylcellulose.

The composition of claim 16, wherein the mixing solution is selected from a group consisting of sterile water, inorganic salt, and cationic surface active agent.

The composition of claim 23, wherein the cationic surface active agent is selected from a group consisting of sodium chloride, phosphate buffered saline, potassium chloride, sodium sulfate, ammonium sulfate, ammonium acetate, and sodium acetate.

The composition of claim 16, wherein the mixing solution comprises sterile water.

The composition of claim 16, consisting of:

100 parts by weight of the calcium sulfate hemihydrate;

about 1.5 to about 8 parts by weight of the plasticizing substance; and about 25 to about 65 parts by weight of the mixing solution.

The composition of claim 16, consisting of:

100 parts of the calcium sulfate hemihydrate;
about 5.25 parts by weight of the plasticizing substance; and about 33.6 parts by weight of the mixing solution.